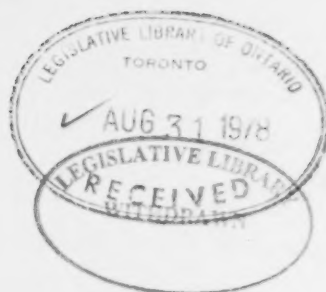


Alberta
ECON dev



LIST OF INDUSTRIAL PROJECTS

AS OF
JUNE 30
1977



Alberta
BUSINESS DEVELOPMENT
AND TOURISM



LIST OF INDUSTRIAL PROJECTS

AS OF
JUNE 30, 1977



BUSINESS DEVELOPMENT
AND TOURISM

Research and Analysis Branch

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INTRODUCTION

The report "List of Industrial Projects in Alberta" is a publication of the Research & Analysis Branch of Alberta Business Development and Tourism. It is published semi-annually as part of the Branch's program to provide information on the level and direction of economic activity in the province.

This publication contains, in addition to the listing of projects currently under construction and those completed in the last six months, a listing of proposed projects. While these projects have been publicly announced, there is no guarantee that they will ever be built; they are simply under consideration in the future plans of a company. The total dollar figures provided should therefore be used with caution.

While every effort has been made to ensure there are no serious errors or misinterpretations in the listing, Alberta Business Development and Tourism does not accept responsibility for errors nor does it wish to give the impression that these lists represent in any way an official or approved list of projects.

Information on industrial projects is based on data from press clippings, from published reports and from industrial development officers. A telephone and mail-in survey of firms listed is also conducted to verify reported information and to ascertain the confidentiality of statistics received. Therefore, this listing consists of projects for which some information is publicly available.

Other criteria used in the compilation of the list of industrial projects are as follows:

- 1) An industrial project was defined as
 - a) an expansion of already existing industrial facilities or
 - b) the construction of new industrial plants not associated with either the retail or wholesale trade, or basic construction activities.
- 2) Only industrial projects with a total capital cost of \$100,000 and over were considered.
- 3) The three lists of industrial projects are subdivided into seven main industrial categories: agricultural processing, forestry, manufacturing, mining, petroleum and petrochemical products, utilities and transportation. The petroleum and petrochemical section includes secondary manufacturing of that sector.
- 4) In addition to identifying the specific location of the project, the census division is also provided for each industrial project. A dummy census division, denoted 0, is used where the location is not known or where a project will affect more than one census division.

It should also be noted that there are three main lists for the industrial projects, each designating the status of a project as of June 30, 1977.

- 1) Proposed - The project was publicly announced before June 30, 1977 and is not presently being built. Projects under consideration are also included. Some of these projects may be competitive proposals by various companies and thus *not all projects are likely to go ahead.*
- 2) Under Construction - The project is currently being built; that is the project is either in the site preparation stage

or on-site construction is underway.

- 3) Completed - The project was completed during the last six months, from January 1, 1977 to June 30, 1977 and is now in the operations phase.
- 4) Reference to employment created is made throughout this publication. In all cases, the numbers given represent direct permanent employment from completion of the project.

Where information was confidential or not available, the abbreviation NA has been used.

For further inquiries on definitions, methodology, or information on any specific project, please contact:

Research and Analysis
Alberta Business Development & Tourism
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10065 - Jasper Avenue
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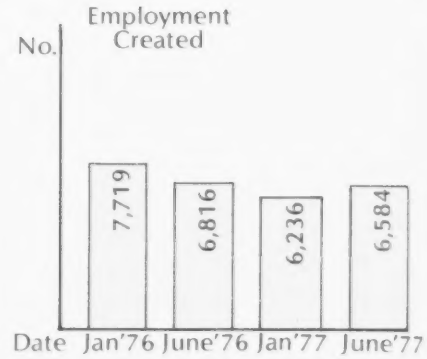
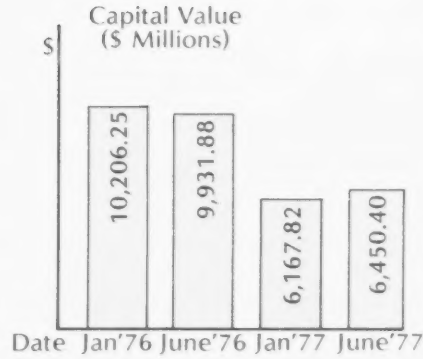
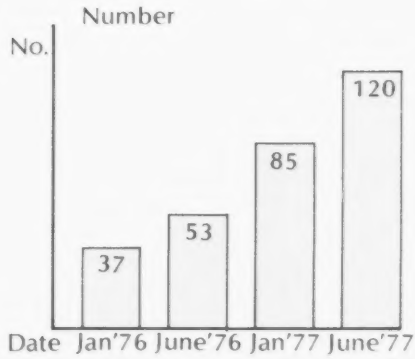
PART I

HIGHLIGHTS

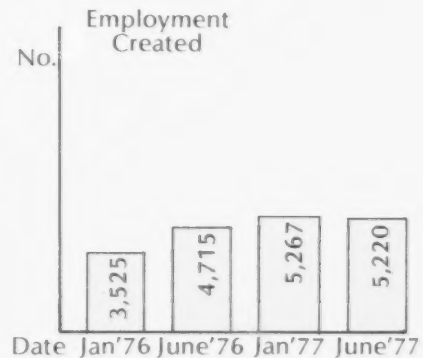
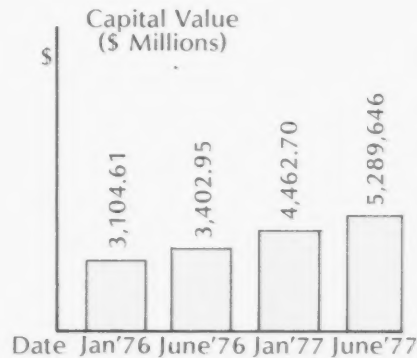
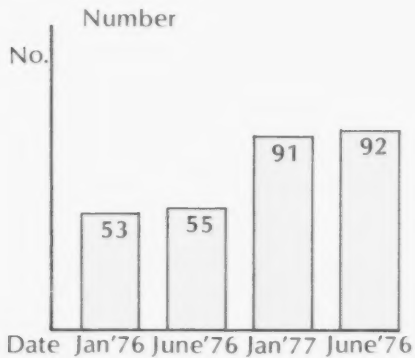
CHART 1 LIST OF INDUSTRIAL PROJECTS

July 1, 1976 - January 1, 1977

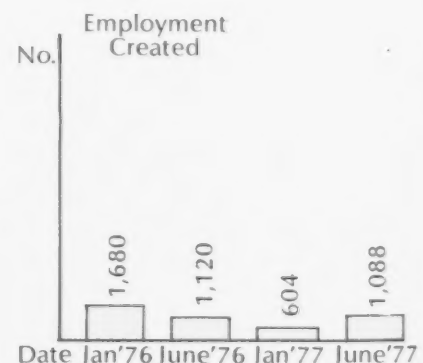
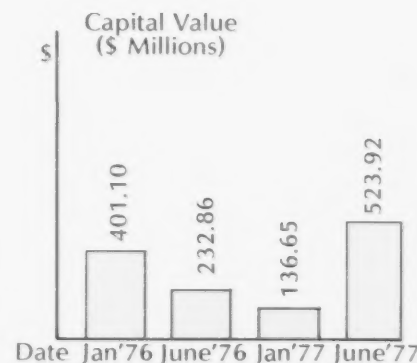
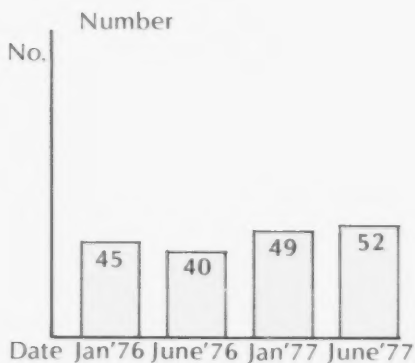
PROPOSED PROJECTS



PROJECTS UNDER CONSTRUCTION



COMPLETED PROJECTS



HIGHLIGHTS

The current list of projects reviews the six month period from January 1, 1977 to June 30, 1977. It contains 264 projects, 52 of which were completed in the above period, 92 were under construction and 120 were proposed. The total capital expenditure amounts to \$12.26 billions and 12,892 new permanent jobs are expected to be created. The bar charts on the opposite page provide a comparison of activity in the latest six month period with that in the previous three. Overall, it would appear that the level of industrial investment activity in Alberta in the remainder of 1977 will match the performance of the first six months.

PROPOSED PROJECTS

The total number of proposed projects increased by almost one half in the latest six month period surveyed compared with the previous one. Most of the 120 projects are in the petroleum and petrochemical products sector - 60 projects or 50% - and manufacturing sectors - 22 projects or 18.3%

Projects are slated to begin in all Census Divisions but Divisions 6, 8, 11 and 15 predominate with 55% of the total number. Twenty-five projects are planned for Census Division 11 (Edmonton), 13 for Census Division 6 (Calgary), 16 for Census Division 15 (Grande Prairie) and 12 for Census Division 8 (Red Deer). This geographical distribution is very similar to that of the previous survey period.

The proposed projects are expected to create 6,584 new jobs, 5.8% more than in the period before, most of the growth coming from the mining sector. New job creation in the agricultural processing, manufacturing and the petroleum and petrochemical products sectors is less than in the previous

period. Most of the new jobs will be in petroleum and petrochemical products (4.17%), mining (19.4%) and forestry (23.0). 34.2% of the new jobs will be created in Census Division 12 (Fort McMurray) as oil sands activity continues, and 23.1% in Census Division 13 (Whitecourt) as a result of forest industry developments. The largest increase in new job opportunities, from 20 last period to 640 in the current one, will occur in Census Division 9 as a result of increased mining activity.

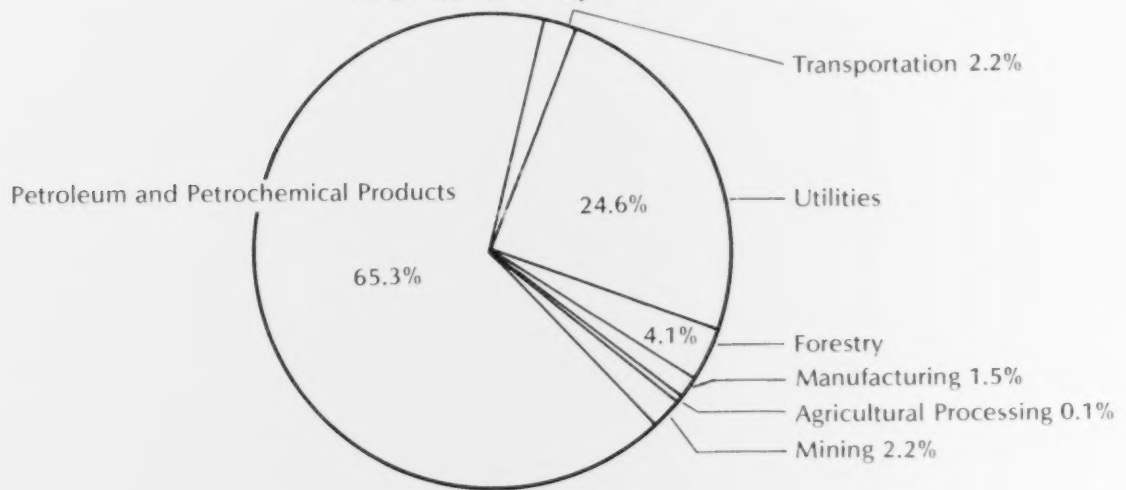
Capital expenditure, at \$6.45 billions, is up only marginally compared with the previous period total of \$6.17 billions. This small growth is due to the cancellation of several large projects in the petroleum and petrochemical products sector, including the Petalta cumene plant planned for Fort Saskatchewan, the scaling down of Turbo Resources' Strathcona refinery plans and the cancellation of several gas facility projects by Gulf.

Other significant changes include a 50% reduction in planned spending in the agricultural processing sector and 100% increase in mining stemming from the plans of Consolidated Coal Ltd. and Gregg River Resources Ltd. These mining projects will double planned expenditure in Census Division 9 compared with the previous period.

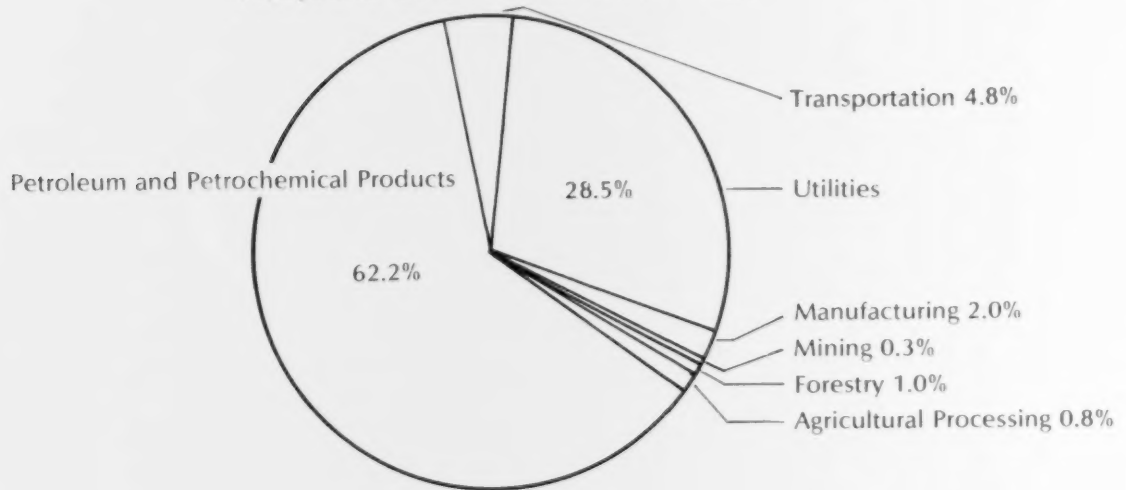
The bulk of the capital expenditures will be made by the petroleum and petrochemical sector (65.3% or \$4.21 billions) and the utilities sector (24.6% or \$1.56 billions). Geographically speaking, Census Division 12 predominates with \$3.52 billions or 54.6% of the total. Census Division 11 follows a long way second with \$0.84 billions or 13%. Another \$0.74 billions will be spent in Census Division 4 and the remaining expenditure is spread evenly.

CAPITAL INVESTMENT CHART II BY SECTOR LIST OF INDUSTRIAL PROJECTS AS OF 1977

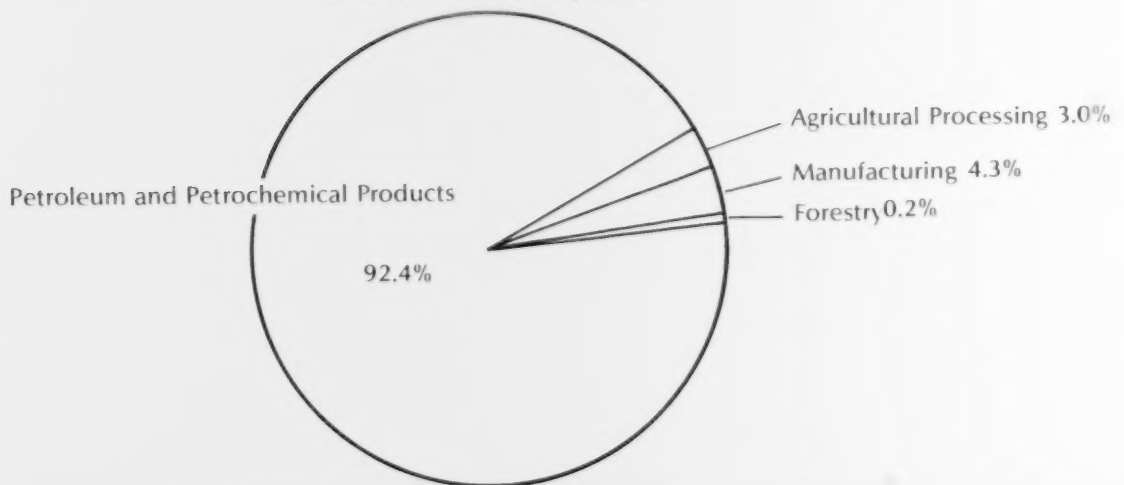
PROPOSED PROJECTS



PROJECTS UNDER CONSTRUCTION



COMPLETED PROJECTS



PROJECTS UNDER CONSTRUCTION

There were 92 projects under construction in the six month period ended June 30, 1977 as compared with 91 in the previous six months, hardly any change, and new permanent jobs created actually fell from 5267 to 5220, but the value of capital expenditure increased by 18.5% to \$5.29 billions from \$4.46 billions.

Petroleum and petrochemical sector projects form the largest group of projects under construction, accounting for 42 projects of 45.7% of the total and will provide most of the new jobs, which are expected to number 3721, or 71.3% of the total. There are 22 projects in manufacturing (23.9%), 12 in agricultural processing (13.1%) and 11 in utilities (12.0%)

With the exception of Census Division 11, which accounted for 30.4% of all projects under construction, the geographical distribution is fairly even. Significant drops in construction activity occurred in Census Division 5 as the Cominco and C.I.L. fertilizer plants and the Dome gas processing facility were completed, and in Census Division 15 with the completion of the Sexsmith rapeseed crushing plant, the Swanson lumber complex and several gas processing and gathering systems. There was a significant increase in activity in Census Division 11 where several major utilities projects were started, including three generating units at Wabamun for Calgary Power, and one at Clover Bar for the City of Edmonton.

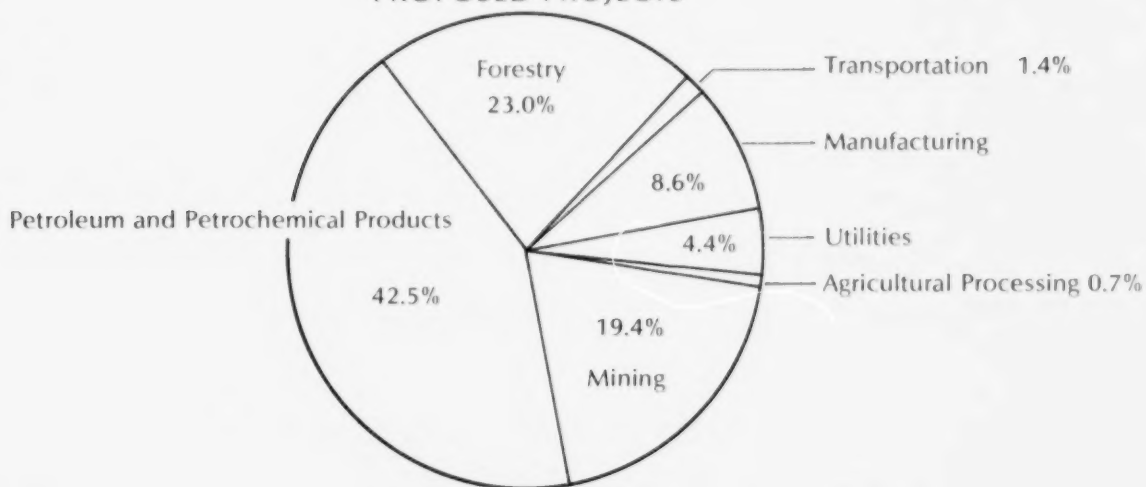
Activity in the oil sands area around Fort McMurray in Census Division 12 continues to predominate in new job creation. There are expected to be 3,223 new permanent jobs generated as a result of present project construction

in the area, 61.7% of the total for the province. Utilities and manufacturing jobs in the Edmonton area, Census Division 11, provide the other main contribution with 775 which is 14.9% of the provincial total.

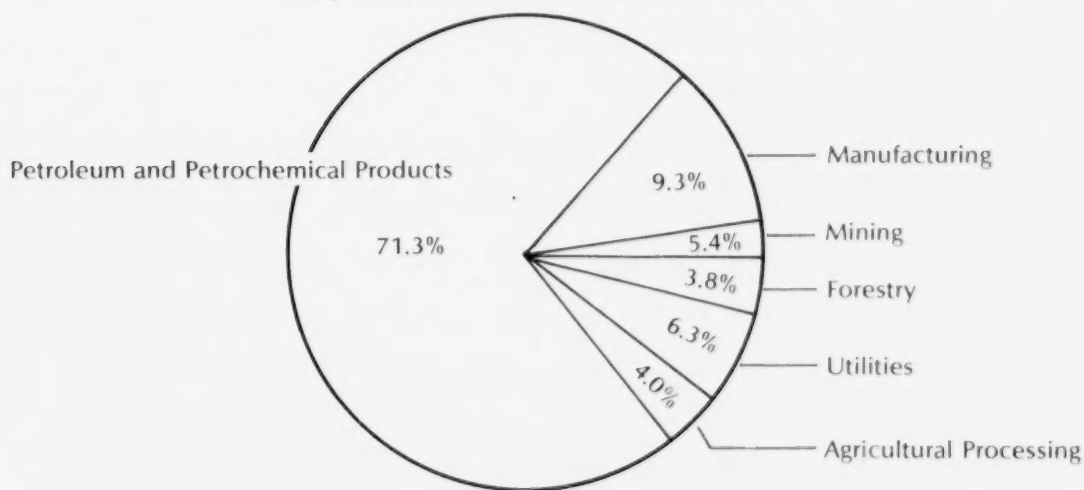
The distribution of capital expenditure has altered significantly by sector and spatially in the present as compared to the previous survey period. The primary cause of this redistribution is the activity in the utilities sector. Capital expenditure in that sector has increased from \$0.76 billion to \$1.54 billions, comparing the previous six month survey period with the present one and has caused a significant increase in capital expenditures in Census Division 7, (the Alberta Power plant at Forestburg), & Census Division 11 (Calgary Power's Sundance units 4,5 and 6 and Edmonton Power's Clover Bar generator). There are significant changes in other sectors also. Construction of the Canadian Johns Mansville fibre glass plant has boosted spending in the Manufacturing Sector and helped to check a fall in capital spending in Census Division 8, while the Dome Straddle plant at Empress has significantly increased spending in Census Division 4.

The amount of capital spending dropped dramatically in Census Divisions 1 and 5 as three major fertilizer plants were completed (one in 1 and two in 5).

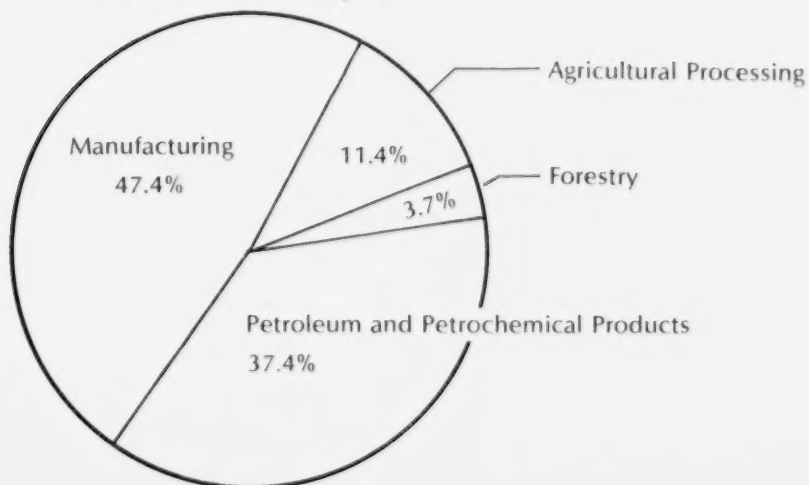
EMPLOYMENT CHART III BY SECTOR LIST OF INDUSTRIAL PROJECTS AS OF JUNE 30, 1977 PROPOSED PROJECTS



PROJECTS UNDER CONSTRUCTION



COMPLETED PROJECTS



COMPLETED PROJECTS

There were 52 projects completed in the latest survey period, just 3 more than in the previous period. There are no significant changes in sectoral distribution; the bulk continues to be in the petrochemical sector (42.3%) followed by manufacturing (34.6%) and agricultural processing (19.2%).

The number of completions increased in Census Divisions 5 and 6 and declined in 10. The most significant number occurred in Census Divisions 11 (26.9%) 6 (15.4%) and 15 (13.5%). Most of the projects completed in Census Division 11 were in the manufacturing and petroleum and petrochemical products sectors and in Census Division 15 honours were shared by the forestry and the petroleum and petrochemical products sectors.

The completed projects contributed far more new permanent jobs in the latest as opposed to the previous six month survey period - 1088 as compared to 604. The largest increase occurred in the petroleum and petrochemical products sector - up from 42 to 407 and there were small increases in agricultural processing and in manufacturing. The largest single block of jobs, 517 or 47.5% of the total, was created in the manufacturing sector. The manufacturing and the petroleum and petrochemical product sectors together accounted for 84.9% of new permanent jobs created in the Completed Projects category.

Most of the new jobs are to be found in Census Divisions 11 (36.3%), 5 (15.0%) and 1 (20.7%). Large increases in new permanent jobs occurred in Census Division 1 as a result of completion of the Canadian Fertilizer plant and in Census Division 5 where the Cominco and Dome fertilizer plants were finished.

TOTAL ACTIVITY IN ALBERTA

Because of the highly sensitive nature of many of the proposed projects (and some of those actually under construction) it is not always possible to release information on capital costs. In many instances the designation NA reflects a confidential value.

In addition, some projects require a high degree of confidentiality as they are still at the negotiation stage. Any untimely release of data including specific mention of projects, could jeopardize the operation.

The following table was prepared in order to present some indication of the actual magnitude and levels of investment and employment if these projects were included in the relevant sections.

LIST OF INDUSTRIAL PROJECTS AS OF JUNE 30, 1977
INCLUDING INFORMATION NOT PUBLICLY AVAILABLE

	NUMBER OF PROJECTS	CAPITAL EXPENDITURE (\$thousands)	NEW JOBS CREATED
PROPOSED	139	7,216,102	6,701
UNDER CONSTRUCTION	95	5,465,656	5,225
COMPLETED	52	523,921	1,088
TOTAL	286	13,305,679	13,014

PART II

SUMMARY TABLES AND CHARTS

SUMMARY TABLE

LIST OF INDUSTRIAL PROJECTS AS OF JUNE 30, 1977

PROJECTS	NUMBER OF PROJECTS	CAPITAL EXPENDITURE (\$ thousands)	NEW JOBS CREATED
PROPOSED	120	6,450,395	6,584
UNDER CONSTRUCTION	92	5,289,046	5,220
COMPLETED	52	523,921	1,088
TOTAL	264	12,263,362	12,892

ALL PROJECTS: PROPOSED, UNDERCONSTRUCTION, COMPLETED

NUMBER OF INDUSTRIAL PROJECTS BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	2	0	4	0	9	15
1	0	0	2	0	2	1	0	5
2	4	0	3	0	2	4	0	13
3	2	0	0	0	3	0	0	5
4	0	0	0	0	5	1	0	6
5	1	0	1	0	7	0	0	9
6	3	0	16	1	9	0	0	29
7	0	0	1	0	4	3	0	8
8	5	0	4	1	15	1	0	26
9	0	0	4	2	0	0	0	6
10	1	0	0	0	3	0	0	4
11	8	0	28	0	19	10	2	67
12	1	0	0	0	16	0	0	17
13	1	3	0	0	7	1	0	12
14	0	1	0	2	8	0	0	11
15	3	3	1	1	20	3	0	31
TOTALS	29	7	62	7	124	24	11	264

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ALL PROJECTS: PROPOSED, UNDER CONSTRUCTION, COMPLETED

CAPITAL EXPENDITURE BY CENSUS DIVISION

(thousands of dollars)

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	N.A.	0	15,880	0	378,347	394,227
1	0	0	3,136	0	310,200	12,000	0	325,336
2	14,570	0	1,835	0	46,200	14,600	0	77,205
3	620	0	0	0	66,000	0	0	66,620
4	0	0	0	0	122,690	738,000	0	860,690
5	360	0	0	0	211,050	0	0	211,410
6	800	0	24,330	8,500	107,975	0	0	141,605
7	0	0	320	0	3,510	494,200	0	498,030
8	2,570	0	21,200	5,000	318,411	50,000	0	397,181
9	0	0	72,753	131,000	0	0	0	203,753
10	110	0	0	0	4,800	0	0	4,910
11	29,115	0	100,300	0	659,262	1,786,410	15,200	2,590,287
12	332	0	0	0	5,974,074	0	0	5,974,406
13	550	267,000	0	0	9,075	495	0	277,120
14	0	35,000	0	0	40,400	0	0	75,400
15	13,000	21,200	0	13,352	91,630	26,000	0	165,183
TOTALS	62,027	323,200	223,874	157,852	7,981,157	3,121,705	393,547	12,263,362

- 19 -
ALL PROJECTS: PROPOSED, UNDER CONSTRUCTION, COMPLETED

NEW PERMANENT JOBS CREATED BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	91	0	5	0	0	96
1	0	0	0	0	316	3	0	319
2	100	0	12	0	3	5	0	120
3	3	0	0	0	13	0	0	16
4	0	0	0	0	3	80	0	83
5	7	0	35	0	161	0	0	203
6	25	0	569	15	23	0	0	632
7	0	0	3	0	5	60	0	68
8	65	0	291	20	196	5	0	577
9	0	0	0	640	0	0	0	640
10	6	0	0	0	2	0	0	8
11	86	0	550	0	576	463	95	1,770
12	4	0	0	0	5,480	0	0	5,484
13	16	1,515	0	0	9	0	0	1,540
14	0	0	0	880	26	0	0	906
15	69	240	12	0	109	0	0	430
TOTALS	381	1,755	1,563	1,555	6,927	616	95	12,892

PROJECTS PROPOSED
NUMBER OF INDUSTRIAL PROJECTS BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	2	0	3	0	8	13
1	0	0	0	0	1	1	0	2
2	2	0	1	0	1	4	0	8
3	0	0	0	0	1	0	0	1
4	0	0	0	0	1	1	0	2
5	0	0	0	0	2	0	0	2
6	2	0	6	1	4	0	0	13
7	0	0	0	0	2	1	0	3
8	2	0	1	1	7	1	0	12
9	0	0	2	2	0	0	0	4
10	0	0	0	0	2	0	0	2
11	0	0	9	0	11	3	2	25
12	0	0	0	0	5	0	0	5
13	0	3	0	0	2	0	0	5
14	0	0	0	1	6	0	0	7
15	1	0	1	0	12	2	0	16
TOTALS	7	3	22	5	60	13	10	120

PROJECTS PROPOSED
CAPITAL EXPENDITURES BY CENSUS DIVISION
(thousands of dollars)

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTAL	%
0	0	0	NA	0	3,380	0	125,661	29,041	2.0
1	0	0	0	0	80,000	12,000	0	92,000	1.4
2	2,570	0	0	0	42,000	14,600	0	59,170	0.9
3	0	0	0	0	12,000	0	0	12,000	0.2
4	0	0	0	0	1,100	738,000	0	739,100	11.5
5	0	0	0	0	400	0	0	400	-
6	800	0	15,660	8,500	60,950	0	0	85,910	1.3
7	0	0	0	0	2,000	236,000	0	238,000	3.7
8	2,100	0	400	5,000	69,030	50,000	0	126,530	2.0
9	0	0	71,100	131,000	0	0	0	202,100	3.1
10	0	0	0	0	1,800	0	0	1,800	-
11	9	0	10,850	0	302,080	508,810	15,200	836,940	13.0
12	0	0	0	0	3,523,534	0	0	3,523,534	54.6
13	0	267,000	0	0	2,450	0	0	269,450	4.2
14	0	0	0	NA	30,900	0	0	30,900	0.5
15	250	0	0	0	77,270	26,000	0	103,520	1.6

TOTAL	5,270	267,000	98,010	144,500	4,208,894	1,585,410	140,861	6,450,395	
%	0.1	4.1	1.5	2.2	65.3	24.6	2.2		

PROJECTS PROPOSED
NUMBER OF NEW PERMANENT JOBS CREATED BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	91	0	5	0	0	96
1	0	0	0	0	91	3	0	94
2	0	0	12	0	0	5	0	17
3	0	0	0	0	0	0	0	0
4	0	0	0	0	1	80	0	81
5	0	0	0	0	3	0	0	3
6	25	0	376	15	11	0	0	427
7	0	0	0	0	1	20	0	21
8	21	0	9	20	51	5	0	106
9	0	0	0	640	0	0	0	640
10	0	0	0	0	0	0	0	0
11	0	0	64	0	266	175	95	600
12	0	0	0	0	2,249	0	0	2,249
13	0	1,515	0	0	3	0	0	1,518
14	0	0	0	600	24	0	0	624
15	2	0	12	0	94	0	0	108
TOTALS	48	1,515	564	1,275	2,799	288	95	6,584

PROJECT UNDER CONSTRUCTION
NUMBER OF INDUSTRIAL PROJECTS BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	0	0	1	0	1	2
1	0	0	1	0	0	0	0	1
2	2	0	2	0	1	0	0	5
3	1	0	0	0	2	0	0	3
4	0	0	0	0	2	0	0	2
5	0	0	1	0	2	0	0	3
6	0	0	5	0	3	0	0	8
7	0	0	1	0	1	2	0	4
8	1	0	2	0	6	0	0	9
9	0	0	2	0	0	0	0	2
10	1	0	0	0	1	0	0	2
11	5	0	8	-	8	7	0	28
12	0	0	0	0	8	0	0	8
13	1	0	0	0	2	1	0	4
14	0	1	0	1	2	0	0	4
15	1	1	0	1	4	1	0	8
TOTALS	12	2	22	2	43	11	1	93

PROJECTS UNDER CONSTRUCTION
CAPITAL EXPENDITURE BY CENSUS DIVISION
(thousand of dollars)

CENSUS DIVISION	AGRICULTURE PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	0	0	12,500	0	252,686	265,186
1	0	0	500	0	0	0	0	500
2	12,000	0	35	0	4,200	0	0	16,235
3	300	0	0	0	54,000	0	0	54,300
4	0	0	0	0	120,000	0	0	120,000
5	0	0	0	0	54,500	0	0	54,500
6	0	0	1,600	0	32,600	0	0	34,200
7	0	0	320	0	910	258,200	0	259,430
8	0	0	20,500	0	248,273	0	0	268,773
9	0	0	1,653	0	0	0	0	1,653
10	110	0	0	0	3,000	0	0	3,110
11	27,500	0	76,740	0	357,182	1,277,600	0	1,739,022
12	0	0	0	0	2,428,140	0	0	428,140
13	550	0	0	0	3,500	495	0	4,545
14	0	35,000	0	0	9,500	0	0	44,500
15	150	20,000	0	13,352	9,650	0	0	43,152
TOTALS	40,610	55,000	103,148	13,352	3,337,955	1,536,295	252,686	5,339,046

PROJECTS UNDER CONSTRUCTION
NEW PERMANENT JOBS CREATED BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURAL PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
2	100	0	0	0	3	0	0	103
3	2	0	0	0	13	0	0	15
4	0	0	0	0	0	0	0	0
5	0	0	35	0	51	0	0	86
6	0	0	93	0	3	0	0	96
7	0	0	3	0	2	40	0	45
8	10	0	242	0	144	0	0	396
9	0	0	0	0	0	0	0	0
10	6	0	0	0	2	0	0	8
11	68	0	109	0	310	288	0	755
12	0	0	0	0	3,223	0	0	3,223
13	16	0	0	0	3	0	0	19
14	0	0	0	280	2	0	0	282
15	7	200	0	0	15	0	0	222
TOTALS	209	200	482	280	3,771	328	0	5,270

PROJECTS COMPLETED
NUMBER OF PROJECTS BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURE PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICALS PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	0	0	0	0	0	0
1	0	0	1	0	1	0	0	2
2	0	0	1	0	0	0	0	1
3	1	0	0	0	0	0	0	1
4	0	0	0	0	2	0	0	2
5	1	0	0	0	3	0	0	4
6	1	0	5	0	2	0	0	8
7	0	0	0	0	1	0	0	1
8	2	0	1	0	2	0	0	5
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	3	0	11	0	0	0	0	14
12	1	0	0	0	3	0	0	4
13	0	0	0	0	3	0	0	3
14	0	0	0	0	0	0	0	0
15	1	2	0	0	4	0	0	7
TOTALS	10	2	19	0	21	0	0	52

PROJECTS COMPLETED
CAPITAL EXPENDITURES BY CENSUS DIVISION
(thousands of dollars)

CENSUS DIVISION	AGRICULTURE PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	0	0	0	0	0	0
1	0	0	2,636	0	230,200	0	0	232,836
2	0	0	1,800	0	0	0	0	1,800
3	320	0	0	0	0	0	0	320
4	0	0	0	0	1,590	0	0	1,590
5	360	0	0	0	206,100	0	0	206,460
6	0	0	7,070	0	14,425	0	0	21,495
7	0	0	0	0	600	0	0	600
8	470	0	300	0	1,108	0	0	1,878
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	1,615	0	12,710	0	0	0	0	14,325
12	332	0	0	0	22,400	0	0	22,732
13	0	0	0	0	3,125	0	0	3,125
14	0	0	0	0	0	0	0	0
15	12,600	1,200	0	0	4,710	0	0	18,510
TOTALS	15,697	1,200	22,716	0	484,308	0	0	525,671

PROJECTS COMPLETED
NUMBER OF NEW PERMANENT JOBS CREATED BY CENSUS DIVISION

CENSUS DIVISION	AGRICULTURE PROCESSING	FORESTRY	MANUFACTURING (EX PETROLEUM & PETROCHEMICAL PRODUCTS)	MINING	PETROLEUM & PETROCHEMICAL PRODUCTS	UTILITIES	TRANSPORTATION	TOTALS
0	0	0	0	0	0	0	0	0
1	0	0	0	0	225	0	0	225
2	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	1
4	0	0	0	0	2	0	0	2
5	7	0	0	0	107	0	0	114
6	0	0	100	0	9	0	0	109
7	0	0	0	0	2	0	0	2
8	34	0	40	0	1	0	0	75
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	18	0	377	0	0	0	0	395
12	4	0	0	0	8	0	0	12
13	0	0	0	0	3	0	0	3
14	0	0	0	0	0	0	0	0
15	60	40	0	0	0	0	0	100
TOTALS	124	40	511	0	357	0	0	1038

PART III

LIST OF INDUSTRIAL PROJECTS

PROJECTS PROPOSED AS OF JUNE 30, 1977

COMPANY NAME	CENSUS DIVISION	LOCATION	PROJECTION DESCRIPTION	START DATE	PROJECT COMPLETION DATE	ADDITIONAL NEW JOBS EXPECTED	TOTAL CAPITAL COSTS
AGRICULTURAL PROCESSING							
Canada Packers Ltd.	8	Red Deer	Meat Processing	July 77	Mar. 78	15	1,000
Cnd. Sugar Factories Co.	2	Taber	Conditioning Silos	Aug. 77	Sept. 78	0	2,750
City Packers	2	Lethbridge	N/A	N/A	N/A	N/A	N/A
Far West Meat Processors	6	Water Valley	Extended Storage & Freezer	May 78	Sept. 78	2	N/A
Northern Alt. Rapeseed Processors	15	Valleyview	Gathering Station for Sexsmith Rapeseed	Oct. 77	Dec. 77	2	250
Quality Feeds Alta. Ltd.	8	Lacombe	Feed Pellet Plant	June 77	June 78	6	1,100
Webb Valley Meat Processing Ltd.	6	High River	Meat Processing Plant	N/A	N/A	23	800 ⁰⁰
FORESTRY							
Simpson Timber Co. (Alta) Ltd.	13	Blue Ridge	Gluded Products Facility	Mar. 79	Oct. 79	15	2,000
Simpson Timber Co. (Alta) Ltd.	13	Blue Ridge	Fibre Processing Facility	Mar. 81	N/A	N/A	15,000
Simpson Timber Co. (Alta) Ltd.	13	Whitecourt	Pulp Mill - Phase 3	1982	N/A	1,500	250,000
MANUFACTURING							
Balisky Custom Fertilizer Co. Ltd.	15	Grande Prairie	Fertilizer Blending & Storage Plant	July 77	1978	12	N/A
Burnco Rock Products Ltd.	8	Red Deer	Ready Mix Concrete Plant	Aug. 77	Dec. 77	9	400
B & C Cedar Products Ltd.	6	Clareholm	Shake Shingles Mill	Oct. 76	Apr. 77	14	N/A
Canada Cement Lafarge Ltd.	9	Exshaw	Increase Plant Production	May 78	1980	N/A	70,000
Canadian Liquid Air Ltd.	11	Edmonton	Plant Expansion	Fall 78	Spring 79	0	N/A
Celanese Canada Ltd.	11	Clover Bar - Edm.	Vinyl Acetate Monomer Unit	Jan 78	Oct. 79	26	22,700
Cessco Ltd.	N/A	Unknown	Pressure Vessel Plant	Summer 77	June 78	55	N/A
Coca-Cola Ltd.	6	Calgary	Production & Distribution Facilities	Oct. 77	Oct. 78	17	N/A

Fiberglas Canada Ltd.	11	Edmonton	New Glass Heater	Oct. 77	Oct. 78	17	N/A
Fiberglas Canada Ltd.	11	Edmonton	Capacity Increase	Mar. 78	May 78	6	6,000
Fiberglas Canada Ltd.	11	Edmonton	Increase in Production Facilities	Mar. 78	May 78	20	1,500
Hanson Materials Eng. Ltd.	11	Edmonton	Commercial Heat Treatment Facility	Aug. 77	Feb. 78	9	N/A
Interprovincial Steel & Pipe Corp. Ltd.	6	Calgary	Cold Rolling & Galvanizing Mill	N/A	N/A	85	5,100
Irving Industries (F.S.F. Div.) Ltd.	11	Calgary	Steel Foundry	N/A	1981	100	5,000
Interprovincial Steel & Pipe Corp. Ltd.	11	Edmonton	Addition of Two Pipe Mills	N/A	N/A	N/A	3,000
Porta Test Mfg. Ltd.	11	Edmonton	Machine Shop & Pipe Bending Shop	Aug. 77	Mar. 78	6	N/A
Prudential Steel Ltd.	6	Calgary	Plant Expansion	Nov. 77	June 78	155	5,400
Steel Bros. Canada Ltd.	9	Exshaw	Preheater	Mar. 78	N/A	0	1,100
Sulzer Bros. Canada Ltd.	0	Unknown	Anine Heavy Water Plant	1977	1981	36	N/A
Thermo Kool Corp (Alta.) Ltd.	6	Calgary	Cellulose Insulation Mfg. Plant	N/A	Mar. 78	5	160
The Big O Drain Co. Ltd.	2	Taber	Plastic Pipe Plant	June 77	Oct. 77	12	N/A
Western Linen Supply	11	Edmonton	Production & Loading Expansions	1982	1982	6	350
W.R. Grace Construction Ltd.	11	Edmonton	Perlite Mfg. Plant	Oct. 77	Mar. 78	N/A	N/A
MINING							
Consolidated Coal Co. of Canada	9	Nordegg	Open Pit Coal Mine and Preparation Plant	N/A	N/A	520	120,000
Consolidated Coal Co. of Canada	8	Ram River	Underground Coal Test Mine	N/A	N/A	20	5,000
Consolidated Coal Co. of Canada	9	Blairmore	Open Pit Mine	N/A	N/A	120	11,000
ESI Resources Ltd.	6	Calgary	Uranium Recovery Plant	N/A	N/A	15	8,500
Gregg River Resources Ltd.	14	Near Hinton	Metallurgical Coal Mine	1978	1981	600	N/A
PETROLEUM & PETROCHEMICALS							
Alberta Gas Chemicals Ltd.	1	Medicine Hat	Methanol Plants 3 & 4	1978	1980	91	80,000
Alberta Helium Ltd.	15	11-24-55-15-W5M	Pilot Helium Recovery Plant	Oct. 77	Mar. 78	1	N/A
Alberta Natural Gas Co. Ltd.	6	Cochrane	Extraction Plant	June 77	Aug. 78	7	50,000
Amoco Canada Petroleum Co. Ltd.	5	Little Bow	N/A	Oct. 77	Apr. 78	2	N/A
Amoco Canada Petroleum Co. Ltd.	12	Leismer	Gas Gathering/Compression Dehydration Facility	Jan 78	Sept. 78	10	10,134

Anoco Canada Petroleum Co. Ltd.	14	Ante Creek	Gas Processing Plant	Jan. 78	Nov. 78	0	3,500
Anoco Canada Petroleum Co. Ltd.	0	Lanaway	Gas Dehydration Compressor/ Gathering System	Feb. 78	May 78	5	3,380
Anoco Canada Petroleum Co. Ltd.	15	Josephine	Gas Gathering/Refrigeration/ Wellsite Facilities	Oct. 77	May 78	5	4,900
Ashland Oil & Gas Ltd.	7	LSD 10-34-19-9-W4M	Gas Compressor	Jan 78	Mar. 78	0	500
Brascan Resources Ltd.	0	N/A	Natural Gas Compressor & Dehydrator	Sept. 77	Nov. 77	N/A	N/A
Canada Cities Service Ltd.	13	Mayerthorpe	Gas Field Compressors	Sept. 77	Jan. 78	1	1,200
Chevron Standard Ltd.	14	North Gilby	LPG Recovery Gas Processing	1978	1978	N/A	1,100
Dome Petroleum	4	Hanna	Gas Process. & Compression Plant	Jan. 78	May 78	1	1,100
Dome Petroleum	7	Amisk	Gas Pipeline/Compression/ Processing Plant	Sept 77	Dec. 77	1	1,500
Gulf Oil Canada Ltd.	8	Hine Elnora	Gas Compression Facilities	1978	1978	1	400
Gulf Oil Canada Ltd.	15	Dixonville	Compress Station & Gas Gathering System	July 77	May 78	3	1,500
Gulf Oil Canada Ltd.	13	Charron	Gas Gathering System	1978	1978	2	1,250
Gulf Oil Canada Ltd.	15	Wabasca	Heavy Oil Pilot Project	Oct 77	Mar. 78	10	N/A
Home Oil Co. Ltd.	8	Sunchild	Dehydration, Pipeline	1978	1978	1	650
Home Oil Co. Ltd.	8	Joarcham	Gas Gathering/Dehydration System	1978	1978	1	70
Home Oil Co. Ltd.	12	Leismer	Gas Gathering/Compression/ Processing Facility	1978	1980	4	2,000
Hudson's Bay Oil & Gas Co. Ltd.	11	Drayton Valley	Brazeau Gas Processing Plant Exp.	Sept. 77	June 78	0	N/A
Hudson's Bay Oil & Gas Co. Ltd.	14	West Edson	Gas Processing Facilities	Sept. 77	Feb. 78	2	N/A
Hudson's Bay Oil & Gas Co. Ltd.	15	Eaglesham Area	Gas Processing Facilities	Late 1977	June 78	2	N/A
Husky Oil Operations Ltd.	10	Lloydminster	Heavy Crude Oil Upgrading Plant	N/A	N/A	N/A	N/A
Imperial Oil Enterprises Ltd.	11	Strathcona	Energy Conservation & Product Upgrading	Dec. 77	May 78	N/A	2,000
Imperial Oil Enterprises Ltd.	11	Strathcona	Crude Unit Energy Conservat.	Dec. 77	Sept. 78	N/A	1,100
Imperial Oil Enterprises Ltd.	11	Strathcona	Product Shipping Facilities	Oct. 77	July 79	N/A	12,000
Imperial Oil Enterprises Ltd.	11	Strathcona	Lube Plant Computerisation	Sept. 78	Mar. 79	N/A	2,650
Imperial Oil Ltd.	15	Quirk Creed	Compressor Installation	Jan. 78	Apr. 78	0	700
Imperial Oil Ltd.	11	Golden Spike	Gas Recycling Facilities	Jan. 78	May 78	0	3,000
Imperial Oil Ltd.	10	Camrose	Revamp of Production Facilities	Aug. 77	May 78	0	1,800

Imperial Oil Ltd.	14	Niton	Waterflood Installation	Feb. 78	Nov. 78	0	3,800
Imperial Oil Ltd.	15	Judy Creek	Liquid Recovery Facilities	Nov. 77	Mar. 78	0	1,900
Imperial Oil Ltd.	12	Cold Lake	Water Re-Use Pilot	Sept. 78	June 78	0	1,400
Norcen Energy Resources Ltd.	11	New Sarepta	Jourcam Gas Conservation Pl.	Late 1977	Mid 1978	1	1,230
Norcen Energy Resources Ltd.	8	2-1-44-28-W4	Ferrybank Compression & Dehydration	Mid 1977	End 1977	1	660
Numac Oil & Gas Ltd.	12	Fort McMurray	Phase 2 - Pilot Oil Sands Project	1978	N/A	35	10,000
Pan Canadian Petroleum	2	Brooks	Ammonia Plant	N/A	N/A	0	42,000
Pembina Pipelines Ltd.	15	Manning	Hotchkiss North "A" Gas Pl.	Mar. 78	June 78	2	400
Pembina Pipelines Ltd.	6	Turner Valley	Western Decalta Fractionation Plant	June 78	Sept. 78	0	250
Pembina Pipelines Ltd.	6	Turner Valley	Madison Natural Gas Plant	Dec. 77	Mar. 78	1	700
Pembina Pipelines Ltd.	5	Rockford	Gas Plant Expansion	Aug. 77	Jan. 78	1	400
Pembina Pipelines Ltd.	8	Elmora	Gas Gathering & Processing	June 78	Oct. 78	2	2,250
Petro-Canada Exploration Inc.	15	Paddle Prairie	Natural Gas Gathering & Compress Facility	Dec. 77	Apr. 79	4	9,200
Petrochemicals Alta. Project	11	Ft. Saskatchewan	Benzene Plant	1979	1981	210	250,000
Shell Canada Resources Ltd.	6	Burnt Timber	Natural Gas Gathering System	Jan 78	1980	3	10,000
3rd Oil Sands Plant	12	Fort McMurray	Oil Sands Plant	N/A	N/A	2,200	3,500,000
Shell Canada Resources Ltd.	3	Waterton Gas Plt.	Plant 2 Inlet Compression	1979	1980	0	12,000
Shell Canada Resources Ltd.	15	Peace River	In Situ Pilot Plant	Summer 78	Sept. 79	53	58,000
Shell Canada Resources Ltd.	15	Royce	Wellsite Facilities & Gathering System	July 78	Aug 79	1	335
Shell Canada Resources Ltd.	14	South Rosevear	Natural Gas Plant	June 77	Aug. 79	20	17,500
Shell Canada Resources Ltd.	15	Peace Coupe	Wellsite Facilities & Gathering System	Dec. 77	Jan. 78	1	335
Shell Canada Resources Ltd.	8	Willson Creek	Natural Gas Plant	Oct. 78	June 80	40	65,000
Shell Canada Resources Ltd.	8	Willson Creek	Wellsite Fac. & Gas Gathering System	Mid 1978	1980	5	N/A
Shell Canada Resources Ltd.	14	South Rosevear	Wellsite Fac. & Gas Gathering System	Fall 77	Mid 78	2	5,000
Sherrit Gordon Mines	11	Ft. Saskatchewan	Urea Granulation Plant	June 77	Apr. 78	2	5,100
Turbo Resources Ltd.	11	Edmonton	Refinery	1978	1981	40	25,000
Union Carbide Canada Ltd.	11	Ft. Saskatchewan	Air Separation Plant	June 77	June 79	15	N/A
Union Carbide Canada Ltd.	0	Undecided	Ethylene Oxide/Ethylene Glycol Plant	N/A	N/A	N/A	N/A
UTILITIES							
Alberta Power Ltd.	4	Sheerness	Thermal Power Plant	1980	1986	80	738,000
Alberta Power Ltd.	7	Forestburg	Thermal Power Plant	Summer 77	1981	20	236,000
Alberta Power Ltd.	15	Grande Cashe	Thermal Plant Modification	1977	1980	0	25,000

City of Medicine Hat	1	Medicine Hat	Electrical Power Plt. Add.	1979	1981	3	12,000
Dept. of Environment	15	Highlevel	Hutch Lake (Phase 1)	1978+79	N/A	N/A	1,000
Dept. of Environment	2	Bassano	Brassano Dam	1979	1981	0	9,000
Dept. of Environment	8	Innisfail	Red Deer River Dam	1978	1984	5	50,000
Edmonton Power Ltd.	11	Rosdale Site	Electrical Terminal Station	1977	1978	N/A	6,255
Edmonton Water & Sanitation	11	Edmonton	Sewer Renewal	Nov. 76	July 78	0	2,555
Town of Brooks	2	Brooks	Recreation Complex Phase 2	1978	1979	5	2,000
Edmonton Power Ltd.	11	Genesee	Generating Station	1979	1985	175	500,000
Town of Brooks	2	Brooks	Water Treatment Plant	July 77	Apr. 78	0	1,100
Town of Brooks	2	Brooks	Sewage Treatment Facilities	July 77	Oct. 78	0	2,500
TRANSPORTATION							
Canadian National	0	Unknown	Eqpt. & Eng. Facilities	1978	1982	N/A	16,568
Canadian National	0	Unknown	Increased Yard Capacity	1978	1982	N/A	5,857
Canadian National	0	Unknown	Additional Plan-New Business	1978	1982	N/A	5,615
Canadian National	0	Unknown	Housing & Buildings	1978	1982	N/A	2,787
Canadian National	0	Unknown	Service & Productivity	1978	1982	N/A	8,709
Canadian National	0	Unknown	Plant Improvements	1978	1982	N/A	81,658
Canadian National	0	Unknown	Increased Line Capacity	1978	1982	N/A	3,437
Pacific Western Airlines	11	Edmonton	Two Loading Bridges	N/A	Dec. 78	0	200
Canadian National	0	Unknown	Intermodal Facilities	1978	1982	N/A	1,030
Transport Canada	11	Edmonton	Air Operations Centre	Sept. 77	Mar. 79	95	15,000

PROJECTS UNDER CONSTRUCTION AS OF JUNE 30th, 1977

COMPANY NAME	CENSUS DIVISION	LOCATION	PROJECT DESCRIPTION	START DATE	PROJECT COMPLETION DATE	ADDITIONAL NEW JOBS EXPECTED	TOTAL CAPITAL COST
AGRICULTURAL PROCESSING							
Alberta Poultry Marketers Co-Op	11	Edmonton	Poultry Plant Expansion	Feb. 77	Aug. 77	N/A	1,000
Alta. Food Products	11	M.D. Sturgeon Barrhead	Rapeseed Processing Plant	Sept. 75	1st qtr. 79	60	N/A
Alta. Lipids Canada Ltd.	13		High Energy Feed Supplement Mill	Mar. 77 1976	Dec. 77 Aug. 78	16 N/A	550 12,000
Burns Foods Ltd.	11	Edmonton	Milk Processing Plant	Jul. 75	Aug. 77	6	110
Byers Flour Mills Ltd. (Sunny Boy Ltd.)	10	Camrose	Instant Cereal Plant	May 76	Sept. 77	2	300
Cardston Agricultural Prod. Ltd.	3	Cardston	Feed Pelletizing Mill Addition	Sept. 76	Early 78	100	12,000
General Foods Ltd.	2	Lethbridge	Regional Plant & Distrib. Center	Mar. 77	1979	N/A	N/A
Lakeside Milling Ltd.	2	Brooks	Animal Feeds Processing Plant	Mar. 77	Jan. 78	8	1,500
Lilydale Co-operative Ltd.	11	Edmonton	Plant & Office Expansion	Dec. 76	Jun. 78	10	N/A
Memo Ltd.	8	Red Deer	Rapeseed Processing Plant	Oct. 76	Jun. 78	0	13,000
Palm Dairies Ltd.	11	Edmonton	Dairy Plant	1976	Fall 1977	7	150
West Peace Seed Co-op Ltd.	15	Hythe	Seed Cleaning Plant				
FORESTRY							
North Western Pulp & Power Ltd	14	Hinton	Recovery Boiler	Nov. 76	Mar. 79	0	35,000
Simpson Timber Co. (Alta) Ltd.	15	Blue Ridge	Saw Mill & Planer Mill	July 75	Sept. 77	200	20,000
MANUFACTURING							
Canadian Johns-Manville Co. Ltd	11	Fort Saskatchewan	Expansion of PVC Pipe Plant	Mar. 76	July 77	9	1,000
Canadian Johns-Manville Co. Ltd	8	Innisfail	Fiberglass Plant	1975	1977	142	18,000
Canadian Liquid Air Ltd	11	Edmonton	Plant Expansion	Mar. 77	Sept. 77	0	3,000
Facto Homes Ltd.	11	Winterburn	Expansion of Modular Home Plt.	Jan. 76	Sept. 77	75	500
Featurrock Industries Ltd.	6	Calgary	Artificial Fieldston Mfg. Plt.	Apr. 77	Dec. 77	3	N/A
Fiberglass Canada Ltd.	11	Edmonton	Production Expansion	May 77	Aug. 77	8	800

Inland Cement Ind. Ltd.	11	Edmonton	Plant Expansion	Mar. 77	May 80	15	68,000
M.E.L. Industries Ltd.	8	Red Deer	Cement & Gravel Plant	Mar. 77	Aug. 77	100	2,500
Noble Cultivators Ltd.	2	Nobleford	Upgrade Electrical Supply System	May 77	May 78	0	35
Northwest Industries Ltd.	11	Edmonton	Plant Renovation for New Products	June 76	1978	0	1,000
Pequip Ltd. (Member of Plains Group)	6	Cochrane	Assembly & Mfg. Plant	June 75	N/A	30	600
Steel Bros. Canada Ltd.	9	Exshaw	Calcuim Carbonate Plant	Nov. 76	Sept. 77	0	1,653
Steel Bros. Canada Ltd.	9	Exshaw	Preheater-Heat Exchanger	Mar. 77	Oct. 77	0	N/A
Sunnyvale Distillers Ltd.	6	High River	Modern Bottling Plant	Sept. 77	N/A	30	N/A
Supercrete (Alberta) Ltd.	6	Calgary	Structural Concrete Plant	Mar. 77	Dec. 77	30	N/A
The Sandman Concrete Ltd.	5	Foru Locations	Ready Mix Concrete Plants	Apr. 77	Nov. 77	35	N/A
Trinac Investment Ltd.	11	Edmonton	Wash Rack	Mar. 77	Sept. 77	1	240
Trurock Gypsum Products Ltd.	11	Edmonton	Plant Expansion	May 77	Jan. 78	9	2,200
Wainwright Fluidchem Ltd.	7	Wainwright	Liquid Fertilizer Plant	Aug. 76	Jul. 78	3	320
Western Canada Steel Ltd.	6	Calgary	Steel Mill Addition	Oct. 76	Spring 78	0	1,000
Western Co-operative Fertilizers	1	Medicine Hat	Building Expansions	Setp. 76	1979	0	500
<u>MINING</u>							
McIntyre Porcupine Mines Ltd.	15	Grande Cache	Coal Mining & Preparation Plant	1977	1977	0	13,352
Luscar Sterco Ltd.	14	Coal Valley	Open Pit Mine	Aug. 76	June 78	280	N/A
<u>PETROLEUMS & PETROCHEMICALS</u>							
The Alta. Gas Ethylene Co. Ltd.	8	Joffre	Ethylene Mfg. Plant & Pipeline	Sept. 76	Jul. 79	140	243,500
Amoco Canada Petroleum Co. Ltd.	12	LSD 2-27-85-8 W4M	Oil Sands in Situ Thermal Recovery Project	Jul. 76	Sept. 77	25	24,950
B.P. Exploration Ltd.	12	LSD 7-66-5-W4M	Oil Sands Recovery Pilot	Jun. 77	Apr. 78	13	12,000
Canadian Industries Ltd. (C.I.L.)	5	Caresland	Ammonium Nitrate Plant	May 75	1977	50	50,000
Chevron Standard Ltd.	8	Joffre	Gas Processing Plant/Gathering System	1977	1977	1	1,068
Chevron Standard Ltd.	12	Cold Lake	Steam Injection Pilot Plant	1977	1977	N/A	2,200
Chevron Standard Ltd.	11	Ferry Bank	Gas Processing Compression	1977	1977	1	1,182
Cochrane Resources Ltd.	15	Whitelaw	Gathering System/Compress Station	June 78	Oct. 78	3	3,300
Diamond Shamrock Alberta Gas Ltd.	11	Ft. Saskatchewan	Polyvinyl Chloride Plant	Dec. 76	May 79	95	N/a

Dome Petroleum	4	Empress	Straddle Plant	Mar. 77	May 78	N/A	10,000
Dome Petroleum	0	Edmonton Red Deer	Edmonton to Red Deer Pipeline	June 77	Oct. 77	N/A	12,500
Dome Petroleum	11	Edmonton	Liquid Gas Plant	Sept. 76	June 78	N/A	38,000
Dow Chemical of Canada Ltd.	11	Ft. Saskatchewan	Expansion of Styroform Plant Facilities	2 Qtr. 77	4 Qtr. 78	4	9,000
Dow Chemical of Canada Ltd.	11	Ft. Saskatchewan	Expansion of Chloride Alkali Facilities	June 76	3 Qtr. 79	65	69,000
Dow Chemical of Canada Ltd.	11	Ft. Saskatchewan	Vinyl Chloride Monomer Plant	July 76	3 Qtr. 79	75	97,000
Dow Chemical of Canada Ltd.	11	Ft. Saskatchewan	Gas Fired Electrical Power & Steam Plant	2 Qtr. 77	3 Qtr. 79	20	48,000
Dow Chemical of Canada Ltd.	11	Ft. Saskatchewan	Ethylene Oxide & Ethylene Glycol Plant	3 Qtr. 76	2 Qtr. 80	50	95,000
General Crude Oil Co.	15	Teepee Creek	Gas Processing Plant	Apr. 77	Dec. 77	8	5,000
Gulf Oil Canada Ltd.	13	Thorhild	Gas Gathering System	Dec. 76	Aug. 77	0	1,800
Gulf Oil Canada Ltd.	8	Clive Field	Lease Facility & Well Tie In	2 Qtr. 77	3 Qtr. 77	1	625
Gulf Oil Canada Ltd.	15	Baptiste Field	Gas Gathering System	1976	Oct. 77	2	1,350
Gulf Oil Canada Ltd.	8	Ricinus	Field Battery Facilities	1976	3 Qtr. 78	1	1,300
Gulf Oil Canada Ltd.	5	Ghost Pine Area	Crude Oil	1976	Apr. 78	2	4,300
Gulf Oil Canada Ltd.	10	Malmo-Bashaw	Natural Gas Compress Facility & Line Looping	1976	4 Qtr. 77	2	3,000
Gulf Oil Canada Ltd.	12	Bellis Field	Gas Conservation & Battery Installation	1976	Sept. 77	0	1,400
Gulf Oil Canada Ltd.	8	Gilby	Gas Compression & Field Facilities	1976	Early 1978	1	880
Gulf Oil Canada Ltd.	7	Provost Area	Gas Well Tie-In & Compress Facility	Sept. 76	July 78	2	910
Gulf Oil Canada Ltd.	12	Cold Lake	Tank Batteries & Gas Conserv. Facility	Sept. 76	Sept. 77	5	5,290
Home Oil Co. Ltd.	13	Flatbush	Heavy Crude Oil Pilot Proj.	June 76	Jan. 78	3	1,700
Hudson's Bay Oil & Gas Co. Ltd.	15	Tangent Area	Tieland Gas Plant	May 77	Nov. 77	2	N/A
Imperial Oil Ltd.	14	Niton Junction	Gas Gathering & Processing	May 77	Sept. 77	N/A	4,500
Numac Oil & Gas Ltd.	12	Fort McMurray	Gas Processing Plant	Nov. 76	July 77	0	1,300
			Phase 1 Pilot Oil Sands Project	Aug. 76			

Pacific Petroleum Ltd.	4	Empress	Liquid Ethane Extraction Pit	1976	1979	0	80,000
Petro-Canada Exploration Inc	2	Connorsville	Natural Gas Gathering & Processing Plant	April 77	Jul. 77	3	4,200
Petro-Canada Exploration Ltd	8	Cow Lake	2 Sour Flow Lines to Strachan Plant	Jan. 77	Mar. 77	0	900
Petrofina Canada Ltd	6	Cochrane	Addition to Plant Inlet Compression	May 77	Dec. 77	0	2,600
Shell Canada Resources Ltd.	6	Burnt Timber	Well Tie-In/Line Loop Field Compressor	Mid 1975	1980	3	15,000
Shell Canada Resources Ltd.	3	Waterton	Two natural gas compressor Stations	Nov. 76	1978	5	21,000
Shell Canada Resources Ltd.	3	Waterton	LPG Facilities	Feb. 77	Jul. 78	8	33,000
Shell Canada Resources Ltd	6	Jumping Pound	Natural Gas Gathering System	N/A	Sept. 79	0	15,000
Shell Canada Resources Ltd.	14	South Rosevear	Wellsite Facilities and Gathering System	Fall 77	Aug. 79	2	5,000
Syncrude Canada Ltd.	12	Mildred Lake	Synthetic Crude Project	1973	Nov. 78	3000	2,158,000
Syncrude Canada Ltd.	12	Mildred Lake	Utilities Plant	1973	Jan. 78	180	223,000
UTILITIES							
Alberta Environment	15	Mayerthorpe-Barrhead	Water Treatment Plant	N/A	1977	N/A	N/A
Alberta Power Ltd.	7	Forestburg	Battle River Unit 5	1977	1981	40	236,000
Alberta Power Ltd.	7	Forestburg	60 Yard Dragline	1976	1978	0	22,200
Calgary Power Ltd.	11	Lake Wabamun	Sundance Generation Unit No. 5	1974	Late 1978	20	138,000
Calgary Power Ltd.	11	Lake Wabamun	Extended Highvale Coal Mine Phase 1	1969	1980	80	50,000
Calgary Power Ltd.	11	Lake Wabamun	Sundance Generation Unit #6	1975	1980	10	200,000
Calgary Power Ltd.	11	Lake Wabamun	Sundance Generation Unit # 4	1973	1977	20	79,000
Calgary Power Ltd.	11	Lake Wabamun	Keephills Power Plant	1977	1984	74	601,000
Calgary Power Ltd.	11	Lake Wabamun	Coal Fired Thermal Power Plant	1974	1978	20	164,600
Edmonton Power (City of Edmonton)	11	Clover Bar	Thermal Power Units 3 & 4	1968	1978	64	45,000
Town of Athabasca	13	Athabasca	Water Treatment Plant	Jul. 77	Jan. 78	0	495
TRANSPORTATION							
Canadian National	0	Unknown	Basic Road Maintenance	1978	1982	N/A	252,686

PROJECTS COMPLETED AS OF JUNE 30th, 1977

COMPANY NAME	CENSUS DIVISION	LOCATION	PROJECT DESCRIPTION	START DATE	PROJECT COMPLETION DATE	ADDITIONAL NEW JOBS EXPECTED	TOTAL CAPITAL COST
AGRICULTURAL PROCESSING							
Alpha Milk Co.	6	Calgary	Addition to Dairy Plant	Mar. 76	Jan. 77	N/A	N/A
Faith Farms Ltd.	8	Red Deer	Expansion of Cheese Manuf. Plant	Jan. 77	Mar. 77	22	N/A
Faith Farms Ltd.	11	Wetaskiwin	Expansion of Cheese Manuf. Plant	Jan. 77	Mar. 77	18	180
Legal Alfalfa Products Ltd.	11	N/A	N/A	N/A	N/A	0	135
Northern Alta. Rapeseed Processors	15	Sexsmith	Rapeseed Crushing Plant	Sept. 74	Nov. 76	60	12,600
Spring Coulee Seed Cleaning Plant	3	Spring Coulee	New Seed Cleaning Plant	Jun. 76	Jan. 77	1	320
Trochu Meat Processors Ltd	5	Trochu	Meat Processing Plant	Aug. 76	Feb. 77	7	360
United Feeds Ltd.	8	Innisfail	Pet Food Manufacturing	Sept. 76	Apr. 77	12	470
United Feeds Ltd.	11	Clover Bar	Feed Mill	Sept. 75	Feb. 77	0	1,300
Visscher Packers	12	Plamondon	Slaughter House	June 76	Feb. 77	4	332
FORESTRY							
Mis-Tass-Iniy Forest Enterprises Ltd.	15	Desmarai	Sawmill & Planting Mill	Mar. 76	Apr. 77	40	1,200
Swanson Lumber Co. Ltd.	15	High Level	Sawmill	July 76	Sept. 77	0	N/A
MANUFACTURING							
Alco Gas & Oil Production Equipment Ltd.	11	Edmonton	Gas Plant Equipment	Nov. 76	May 77	15	N/A
AMF Tuboscope Inc.	11	Edmonton	Manufacturing Shop	1976	Jun 77	0	800
Belkin Packaging Ltd.	11	Edmonton	Tubular Lining Plant Addition	May 76	Dec. 76	100	5,000
Bennett and Emmot	11	Edmonton	Corrugated Pkg. Plant	Nov. 75	June 77	4	400
Canon Ltd.	6	N/A	Electric Coil Mfg. Plant	Apr. 76	June 77	85	5,800
Caproco-Corrosion Prevention Ltd.	11	Edmonton	Plant Construction	Dec. 76	Mar. 77	7	N/A
Consolidated Concrete Ltd.	11	Edmonton	Paint Booth & Coating Facility	Feb. 76	Jun 77	0	3,100
Custom Structures-Bralorne Res.	11	Spruce Grove	Concrete Pipe Plant	N/A	Apr. 77	35	N/A
			Indust Camps/Modular Bldg. Plant				

Fiberez Western Ltd.	8	Bowden	Fiberglass Bathtub Mfg. Plant	June 76	Oct. 76	40	300
Halvey Industries	6	Calgary	New Plant	June 76	Mar. 77	7	750
I. XL Industries Ltd.	1	Medicine Hat	Brick Plant Expansion	June 76	Apr. 77	N/A	2,636
Molson Brewery Alberta Ltd.	11	Edmonton	Brewery Alteration & Expansion	Dec. 76	June 77	N/A	210
Norwood Foundry	11	Nisku	Foundry	June 76	May 77	30	2,000
Palliser Distillers Ltd.	2	Lethbridge	3rd Maturing Warehouse	May 76	Feb. 77	0	1,800
Renn Industries Inc.	6	Calgary	Plant Relocation	June 77	June 77	N/A	400
Supreme Windows Ltd.	11	Edmonton	New Glass Plant	Oct. 76	Apr. 77	180	1,000
Supreme Windows (Calgary) Ltd	6	Calgary	Plant Addition	Dec. 76	Mar. 77	4	120
Thermo-Kool Corp. (Alberta) Ltd.	6	Calgary	Cellulose Fibre Insulation Plant	Feb. 77	Mar. 77	4	N/A
Triangle Steel Fabricators Ltd	11	Edmonton	Structural Steel Fabricating Plant	Dec. 76	June 77	6	200
<u>PETROLEUM AND PETROCHEMICALS</u>							
Alta. Gas Trunk Line Co. Ltd	6	Calgary	Mechanical Shop Addition	Aug. 76	Feb. 77	0	425
Ashland Oil Canada Ltd.	4	Jenner	Natural Gas Gathering System	1976	Mar. 77	2	1,200
Ashland Oil Canada Ltd.	13	Athabasca	Natural Gas Gathering System	1976	Mar. 77	1	1,000
Ashland Oil Canada Ltd.	8	Medicine River	Refrigeration Plant	Oct. 76	Mar. 77	0	500
Brascan Resources Ltd.	15	Calling Lake	Natural Gas Compress/Dehyd Well Pipeline	Nov. 76	Feb. 77	N/A	N/A
Brascan Resources Ltd.	12	Sprucefield	Natural Gas Compress/Dehyd Well Pipeline	Aug. 76	Jan. 77	N/A	N/A
Brascan Resources Ltd.	13	Ellscoff	Natural Gas Compress/Dehyd/Well Pipeline	Aug. 76	Jan. 77	N/A	N/A
Canadian Fertilizer Ltd.	1	Medicine Hat	Nitrogen Fertilizer Mfg. Complex	N/A	Jan. 77	225	230,200
Chevron Standard Ltd.	15	Calling Lake	Natural Gas Comp/Dehyd/ Gathering System	Sept. 76	Mar. 77	1	2,040

Cominco Ltd.		West Carleton	Ammonia & Urea Fertilizer Complex			
Dome Petroleum	5	Vulcan	Gas Processing Plant	Oct. 74	Apr. 77	150,000
Gulf Oil Canada Ltd.	13	Thorild	Gas Gathering & Compression Station	Sept. 76	Apr. 77	6,000
Gulf Oil Canada Ltd.	4	Sibald	Gas Compression Facilities	July 76	Jan. 77	2,125
Gulf Oil Canada Ltd.	12	Cold Lake	Thermal Recovery Pilot Heavy Crude	July 76	Jan. 77	390
Home Oil Co. Ltd.	15	Fawcett River	Gas Processing Plant	June 76	May 77	21,400
Norcen Energy Resources Ltd.	8	Gilby	Gas Processing Facility	Late 1976	May 77	2,100
Norcen Energy Resources Ltd.	15	Flatbush	Compression Station	1976	2 Qrt 77	608
Shell Canada Resources Ltd.	6	Burnt Timber		Late 1976	Nov. 77	570
Voyager Petroleum Ltd.	7	Cremona	Gas Plant No. 2	1975	Apr. 77	14,000
Western Decalta Petroleum Co. Ltd.		Hatty Lake	Compressor Station	Dec. 76	Feb. 77	600
Worldwide Energy Co. Ltd.	5	Rockyford	Gas Plant Expansion	Mar. 77	May 77	150
	12	Fort Kent	Heavy Oil Steam Project Expansion	Mid 1976	Feb. 77	1,000

